AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (Previously Presented) A method of semantically representing a target entity using a semantic object, the method comprising:

identifying a set of meta-tags having associated metadata entries to represent attributes associated with the target entity in the semantic object, the semantic object being stored on a computer-readable storage medium;

wherein at least one meta-tag of the set of meta-tags is defined using an ontology;

storing in a first metadata entry in the semantic object on the computer-readable storage medium an attribute including an access policy that specifies how the semantic object is shared over a network;

storing, in a second metadata entry in the semantic object on the computer-readable storage medium, another attribute that specifies a first user that is an author of the semantic object sharing, over a network, the semantic object with a second user via a computational device in accordance with the access policy of the semantic object; and

displaying the semantic object on a display screen of the computational device.

2.   (Canceled)

3.   (Previously Presented) The method of claim 1, further comprising:

creating a second semantic object to represent information resource or tacit information, the second semantic object comprising meta-tags for identifying semantic information, and rules regarding at least one of: how the

second semantic object (i) interacts with, (ii) is manipulated by, and (iii) is displayed to human beings and automated processes;

seeking to detect an information resource containing information that is represented by the second semantic object; and

if the information resource is found, linking the second semantic object to the information resource such that the second semantic object represents the information resource,

wherein the second semantic object is also configured to have a link to or from any number of other semantic objects.

4. (Previously Presented) The method of claim 3, wherein the information resource is found, the method further comprising providing the second semantic object with meta-data about the information resource.

5. (Previously Presented) The method of claim 3, wherein the information resource is not found, and wherein the second semantic object represents the tacit information.

6. (Previously Presented) The method of claim 3, wherein the second semantic object is created before seeking to detect the information resource.

7. (Previously Presented) The method of claim 3, wherein the information resource is detected before creating the second semantic object.

8. (Previously Presented) The method of claim 7, wherein the information resource is detected upon the information resource being published on the Internet.

9.   (Previously Presented) The method of claim 8, wherein any entity that publishes the information resource triggers the creation of the second semantic object.

10. – 12.   (Cancelled)

13.   (Previously Presented) The method of claim 3, further comprising linking the second semantic object to at least one of the other semantic object in the computer-readable storage medium.

14.   (Previously Presented) The method of claim 1, wherein the semantic object represents a physical entity comprising, one or more of, a living organism, a person, a place, an organization, a corporation, an object, a physical item, a processor, a machine, a natural entity, and an artificial entity.

15.   (Previously Presented) The method of claim 1, wherein the semantic object represents a digital object comprising, one or more of, a document, an email, an address book entry, a message, an instant message, a query, a discussion thread, a posting, an XML message, a file, a directory, multimedia content, a website, a web-page, a blog, and a data record.

16.   (Previously Presented) The method of claim 1, wherein the semantic object represents intangible entity comprising, one or more of, a relationship, an interaction, a link, a semantic relationship, a keyword relationship, a personal relationship, a connection, a transaction, an event, a type of activity, knowledge, content, an idea, and a concept.

17.   (Cancelled)

18.   (Previously Presented) The method of claim 1 wherein the set of meta-tags are
        identified at least partially based on the object type of the target entity that the
        semantic object represents.

19.   (Previously Presented) The method of claim 1, wherein the set of attributes of
        the target entity further comprises policies regarding one or more of interaction
        with the target entity, manipulation of the target entity, and presentation of the
        target entity.

20.   (Previously Presented) The method of claim 1, wherein the semantic object is
        machine-readable or human-readable.

21.   (Previously Presented) The method of claim 1, wherein the metadata is user-
        specified or machine-specified.

22.   (Previously Presented) The method of claim 1, wherein the metadata is retrieved
        on-demand.

23.   (Cancelled)

24.   (Previously Presented) The method of claim 1, wherein the semantic object is
        automatically generated by the computational device.

25.   (Previously Presented) The method of claim 1, wherein the metadata represents one or more of:

   a link to second target entity having a first identified relationship matching one of a predetermined set of semantic or peer relationships; and

   a link from a third target entity having a second identified relationship matching one of the predetermined set of semantic or peer relationships.

26.   (Previously Presented) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is detected from a user triggered event.

27.   (Previously Presented) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is user-specified.

28.   (Previously Presented) The method of claim 18, wherein the metadata provides data about the structure of the semantic representation.

29-35. (Cancelled)

36.   (Previously Presented) The method of claim 1, wherein, the set of meta-tags used to represent the target entity are identified manually.

37.   (Previously Presented) The method of claim 1, wherein, the set of meta-tags used to represent the target entity are identified by automatic selection from a plurality of meta-tags.

38.   (Previously Presented) The method of claim 37, further comprising, performing the automatic selection according a heuristic rule.

39.   (Previously Presented) The method of claim 38, wherein, the heuristic rule is determined based on popularity of each of the plurality of meta-tags with a group of authors or users.

40.   (Previously Presented) The method of claim 1, wherein, the identity section further specifies an owner of the semantic object.

41.   (Previously Presented) The method of claim 1, wherein, the identity section further specifies a recipient individual or a recipient group of the semantic object.

42.   (Previously Presented) The method of claim 41, wherein, the identity section further specifies a fuzzy definition of a set of qualifications of the recipient individuals or the recipient group of the semantic object.

43.   (Previously Presented) The method of claim 1, wherein, the identity section further specifies a list of users who has modified the semantic object.

44.   (Previously Presented) The method of claim 43, wherein, the list of users further includes users who have performed, one or more of, copied, received, and deleted the semantic object.

45.   (Previously Presented) The method of claim 1, wherein, the identity section further specifies one or more of, parties who have rated the semantic object and parties who have annotated the semantic object.

46.   (Previously Presented) The method of claim 1, wherein, the identity section further specifies parties that have been matched to the semantic object.

47.   (Previously Presented) The method of claim 1, wherein, the semantic object includes a link to a display specification.

48.   (Previously Presented) The method of claim 47, wherein, the display specification is determined based on the display device used for viewing the semantic object.

49.   (Previously Presented) The method of claim 47, wherein, the display specification is represented by another semantic object.

50.   (Previously Presented) The method of claim 15, wherein, the digital object comprises streaming media.

51.   (Previously Presented) The method of claim 15, wherein, the digital object comprises an advertisement.

52.   (Previously Presented) The method of claim 15, wherein, the digital object comprises a web site or web page.

53.   (Previously Presented) The method of claim 1,
            wherein, the semantic object is manually generated by the author; and
            wherein, at least one metadata entry of the semantic object is provided by
       the author.

54.   (Previously Presented) The method of claim 53, wherein, a description and comment of the target entity represented by the semantic object is provided by the author.

55.   (Previously Presented) The method of claim 53, wherein, another metadata entry
        is automatically identified by the computational device.

56.   (Previously Presented) The method of claim 24, wherein, the computational
        device data mines the Internet to generate the semantic object.

57.   (Cancelled)

58.   (Cancelled)

59.   (Cancelled)

60.   (Previously Presented) A system for semantically representing a target entity
        using a semantic object, the system, comprising,

        means for automatically selecting, according to a heuristic rule, a set of meta-
tags from multiple meta-tags to represent a set of attributes of the target entity in the
semantic object

        means for determining the heuristic rule being determined based on popularity of
the multiple meta-tags with a group of users;

        wherein a meta-tag of the set of meta-tags is defined using an ontology;

        means for storing in a first metadata entry in the semantic object, an attribute
including an access policy that specifies how the semantic object is shared over a
network;

        means for storing, in a second metadata entry in the semantic object, another
attribute that specifies an author of the semantic object;

        means for storing, in a third metadata entry in the semantic object, another
attribute that specifies a recipient individual or a recipient group of the semantic object;

9

means for sharing, over a network, the semantic object with the recipient individual or the recipient group.

61.   (Previously Presented) The system of claim 60,

wherein the set of meta-tags used to represent the target entity are identified by automatic selection from a plurality of meta-tags; and

wherein the automatic selection is performed according a heuristic rule determined based on popularity of each of the plurality of meta-tags with a group of authors or users.

62.   (Previously Presented) A method of semantically represent a target entity using a semantic object, the method comprising:

automatically identifying a set of meta-tags having associated metadata entries to represent attributes associated with the target entity in the semantic object that is stored on a computer-readable storage medium;

wherein a meta-tag of the set of meta-tags is defined using an ontology;

storing, in a first metadata entry in the semantic object on the computer-readable storage medium, an attribute including an access policy that specifies how the semantic object is shared over a network;

storing, in a second metadata entry in the semantic object on the computer-readable storage medium, another attribute that specifies a display specification;

wherein, the display specification is determined based on a display device used for viewing the semantic object;

displaying the semantic object on the display device according to the display specification.

63.   (Previously Presented) The method of claim 62, wherein, the display specification is represented by another semantic object linked by the semantic object.